PTO/SB/21 (04-04) (AW 06/2004) Approved for use through 7/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE mper the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission 8

·	
Application Number	10/087,709
Filing Date	02/28/2002
First Named Inventor	George K. Porter
Art Unit	3753
Examiner Name	John C. Fox
Attorney Docket No.	POR-103US

	NOLOGUES (OL 1 11/1 1									
	NCLOSURES (Check all that apply	<u>" </u>								
Fee Transmittal Form Fee Attached	☐ Drawing(s) ☐ Licensing-related Papers		After Allowance Communication to Technology Center (TC)							
Amendment/Reply After Final Affidavits/Declaration(s)	Petition Petition to Convert to a Provisional Application		Appeal Communication to Board of Appeals and Interferences Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)							
Extension of Time Request	Power of Attorney, Revocation, Change of Correspondence Address		Proprietary Information							
Express Abandonment Request	Terminal Disclaimer		Status Letter Other Enclosure(s) (please							
Information Disclosure Statement Certified Copy of Priority Document(s)	Request for Refund CD, Number of CD(s)		identify below): 1 pg. RCE transmittal; 1 pg. Credit Card Payment Form;							
Response to Missing Parts/ Incomplete Application										
Response to Missing Parts under 37 CFR 1.52 or 1.53										
SIGNATURE	OF APPLICANT, ATTORNEY OR A	GENT								
Firm or Individual Benjamin E. Leace Name	Registration No. (Attorney/A	Agent)	33,412							
Signature										
CERTIFICATE OF TRANSMISSION / MAILING										
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:										
Typed or printed name Benjamin E. Leace	0									
Signature	Love	Date	7/30/2004							

This collection of information is required by 37/CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Office, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, ALEXANDRIA, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

)			uuired to respond to a collection of information unless it displays a valid OMB control numb Complete if Known						
` `^ E	ITTAL	Appli	cation N	Number	10	0/087,709			
, ,)4	Filing	Filing Date			02/28/2002			
3 Margective 1	ct to annual revision.	First	First Named Inventor			George K. Porter			
_ (1)		Exan	Examiner Name Art Unit			John C. Fox 3753			
hicant	s. See 37 CFR 1.	27 Art U							
TOTAL AMO	650		Attorney Docket No. POR-103US						
MET	HOD OF PAY	MENT (check a	ill that apply)		FEE CALCULATION (continued)				
☐ Check ☑ C	redit Card	Money DOther	None		DITION				
Deposit Accor	unt (use as l	Order Dackup only):		Fee Code	Entity Fee (\$)	Fee Code	Entity Fee (\$)	Fee Description	F
Deposit				1051	130	2051	65	Surcharge - late filing fee or oath	
Account Number	18-0350			1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.	
Deposit						l			
Account	RatnerPre	stia		1053	130	1053	130	Non-English specification	L
Account Name		stia check all that app	ly)	1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
Account Name The Director is a Charge fee(authorized to: ((s) indicated be	check all that app	ly)	ł				•	-
Account Name The Director is a Charge fee(Credit any o Charge any	authorized to: (s) indicated be overpayments additional fee	check all that appoils	syment of fee(s)	1812	2,520	1812	2,520	For filing a request for ex parte reexamination Requesting publication of SIR prior to	
Account Name The Director is a Charge fee(Credit any o Charge any Charge fee(authorized to: (s) indicated be overpayments additional fee	check all that appletow (s) or any underpa	••	1812 1804	2,520 920*	1812 1804	2,520 920*	For filing a request for ex parte reexamination Requesting publication of SIR prior to Examiner action Requesting publication of SIR after	
Account Name The Director is a Charge fee(Credit any o Charge any Charge fee(authorized to: (s) indicated be overpayments additional fee (s) indicated be tifled deposit a	check all that appletow (s) or any underpa	syment of fee(s)	1812 1804 1805	2,520 920* 1,840*	1812 1804 1805	2,520 920° 1,840°	For filing a request for ex parte reexamination Requesting publication of SIR prior to Examiner action Requesting publication of SIR after Examiner action	210
Account Name The Director is a Charge fee(Credit any o Charge any Charge fee(above-identi	authorized to: (s) indicated be overpayments additional fee (s) indicated be tifled deposit a	check all that appoils on any underpated on, except for the count.	syment of fee(s)	1812 1804 1805 1251	2,520 920* 1,840* 110	1812 1804 1805 2251	2,520 920° 1,840° 55	For filing a request for ex parte reexamination Requesting publication of SIR prior to Examiner action Requesting publication of SIR after Examiner action Extension for reply within first month	210
Account Name The Director is a Charge fee(Credit any o Charge any Charge any Charge fee(above-identi	authorized to: ((s) indicated be overpayments additional fee (s) indicated be tified deposit as FEILING FEE Small Entity	check all that appolelow (s) or any underpallow, except for the count.	syment of fee(s) he filing fee to the	1812 1804 1805 1251 1252	2,520 920* 1,840* 110 420	1812 1804 1805 2251 2252	2,520 920* 1,840* 55 210	For filing a request for ex parte reexamination Requesting publication of SIR prior to Examiner action Requesting publication of SIR after Examiner action Extension for reply within first month Extension for reply within second month	210
Account Name The Director is a Charge fee(Credit any o Charge any Charge fee(above-identi	authorized to: ((s) indicated be overpayments additional fee (s) indicated be tified deposit ar	check all that appoils on any underpated on, except for the count.	syment of fee(s) he filing fee to the	1812 1804 1805 1251 1252 1253	2,520 920* 1,840* 110 420 950	1812 1804 1805 2251 2252 2253	2,520 920° 1,840° 55 210 475	For filing a request for ex parte reexamination Requesting publication of SIR prior to Examiner action Requesting publication of SIR after Examiner action Extension for reply within first month Extension for reply within second month Extension for reply within third month	210
Account Name The Director is a Charge fee(Credit any o Charge any Charge fee(above-identi 1. BASIC F Large Entity Fee Fee Code (\$)	authorized to: ((s) indicated be overpayments y additional feet (s) indicated be tified deposit ar FEE FILING FEE Small Entity Fee Fee	check all that appolelow (s) or any underpallow, except for the count.	syment of fee(s) he filing fee to the	1812 1804 1805 1251 1252 1253 1254	2,520 920* 1,840* 110 420 950 1,480	1812 1804 1805 2251 2252 2253 2254	2,520 920° 1,840° 55 210 475 740	For filing a request for ex parte reexamination Requesting publication of SIR prior to Examiner action Requesting publication of SIR after Examiner action Extension for reply within first month Extension for reply within second month Extension for reply within third month Extension for reply within fourth month	210
Account Name The Director is a Charge fee(Credit any o Charge any Charge fee(above-identi 1. BASIC F Large Entity Fee Fee Code (\$) 1001 770 1002 340	authorized to: ((s) indicated be overpayments additional fee (s) indicated be tified deposit ar FEE FILING FEE Small Entity Fee Fee Code (\$) 2001 385 2002 170	check all that appellow (s) or any underpallow, except for the count. E CALCULATION Fee Description Utility filing fee Design filing fee	eyment of fee(s) he filing fee to the	1812 1804 1805 1251 1252 1253 1254 1255	2,520 920* 1,840* 110 420 950 1,480 2,010	1812 1804 1805 2251 2252 2253 2254 2255	2,520 920° 1,840° 55 210 475 740 1,005	For filing a request for ex parte reexamination Requesting publication of SIR prior to Examiner action Requesting publication of SIR after Examiner action Extension for reply within first month Extension for reply within second month Extension for reply within third month Extension for reply within fourth month Extension for reply within fifth month	210
Account Name The Director is a Charge fee(Credit any o Charge any Charge fee(above-identi 1. BASIC F Large Entity Fee Fee Code (\$) 1001 770 1002 340 1003 530	authorized to: ((s) indicated be overpayments additional feer (s) indicated be diffied deposit are returned by the control of	check all that appellow (s) or any underpallow, except for the count. E CALCULATION Fee Description Utility filing fee Design filing fee Plant filing fee	eyment of fee(s) he filing fee to the Fee Paid	1812 1804 1805 1251 1252 1253 1254 1255 1401	2,520 920° 1,840° 110 420 950 1,480 2,010 330	1812 1804 1805 2251 2252 2253 2254 2255 2401	2,520 920° 1,840° 55 210 475 740 1,005 165	For filing a request for ex parte reexamination Requesting publication of SIR prior to Examiner action Requesting publication of SIR after Examiner action Extension for reply within first month Extension for reply within second month Extension for reply within third month Extension for reply within fourth month Extension for reply within fifth month Notice of Appeal	210
Account Name The Director is a Charge fee(Credit any of Charge any of Charge fee(above-identi 1. BASIC F Large Entity Fee Fee Code (\$) 1001 770 1002 340 1003 530 1004 770	authorized to: ((s) indicated be overpayments additional fee (s) indicated be tified deposit are returned by the control of th	check all that app. (s) or any underpated we except for the count. E CALCULATION Fee Description Utility filing fee Design filing fee Plant filing fee Reissue filing fee	eyment of fee(s) he filing fee to the Fee Paid	1812 1804 1805 1251 1252 1253 1254 1255 1401 1402	2,520 920* 1,840* 110 420 950 1,480 2,010 330 330	1812 1804 1805 2251 2252 2253 2254 2255 2401 2402	2,520 920° 1,840° 55 210 475 740 1,005 165	For filing a request for ex parte reexamination Requesting publication of SIR prior to Examiner action Requesting publication of SIR after Examiner action Extension for reply within first month Extension for reply within second month Extension for reply within third month Extension for reply within fourth month Extension for reply within fifth month Notice of Appeal Filing a brief in support of an appeal	210
Account Name The Director is a Charge fee(Credit any o Charge any Charge fee(above-identi 1. BASIC F Large Entity Fee Fee Code (\$) 1001 770 1002 340 1003 530	reauthorized to: ((s) indicated be overpayments additional feet (s) indicated be diffied deposit and real states are real states real stat	check all that appollow (s) or any underpactow, except for the count. E CALCULATION Fee Description Utility filling fee Design filling fee Plant filling fee Reissue filling fee Provisional filling	represent of fee(s) the filing fee to the Fee Paid Fee Paid Fee Paid Fee Paid Fee Paid	1812 1804 1805 1251 1252 1253 1254 1255 1401 1402 1403	2,520 920* 1,840* 110 420 950 1,480 2,010 330 330 290	1812 1804 1805 2251 2252 2253 2254 2255 2401 2402 2403	2,520 920° 1,840° 55 210 475 740 1,005 165 165	For filing a request for ex parte reexamination Requesting publication of SIR prior to Examiner action Requesting publication of SIR after Examiner action Extension for reply within first month Extension for reply within second month Extension for reply within third month Extension for reply within fourth month Extension for reply within fifth month Notice of Appeal Filing a brief in support of an appeal Request for oral hearing	210
Account Name The Director is a Charge fee(Credit any of Charge any Charge apove-identi 1. BASIC F Large Entity Fee Fee Code (\$) 1001 770 1002 340 1003 530 1004 770	reauthorized to: ((s) indicated be overpayments additional feet (s) indicated be diffied deposit and real states are real states real stat	check all that app. (s) or any underpated we except for the count. E CALCULATION Fee Description Utility filing fee Design filing fee Plant filing fee Reissue filing fee	eyment of fee(s) he filing fee to the Fee Paid	1812 1804 1805 1251 1252 1253 1254 1255 1401 1402 1403 1451	2,520 920* 1,840* 110 420 950 1,480 2,010 330 330 290 1,510	1812 1804 1805 2251 2252 2253 2254 2255 2401 2402 2403 1451	2,520 920° 1,840° 55 210 475 740 1,005 165 165 145	For filing a request for ex parte reexamination Requesting publication of SIR prior to Examiner action Requesting publication of SIR after Examiner action Extension for reply within first month Extension for reply within second month Extension for reply within third month Extension for reply within fourth month Extension for reply within fifth month Notice of Appeal Filing a brief in support of an appeal Request for oral hearing Petition to institute a public use proceeding	210
Account Name The Director is a Charge fee(Credit any o Charge any Charge fee(above-identi 1. BASIC F Large Entity Fee Fee Code (\$) 1001 770 1002 340 1003 530 1004 770 1005 160	authorized to: (s) indicated be overpayments additional fee (s) indicated be tified deposit are recorded in the control of the	check all that appellow (s) or any underpallow, except for the count. E CALCULATION Fee Description Utility filing fee Design filing fee Plant filing fee Reissue filing fee Provisional filling TAL (1)	represent of fee(s) the filing fee to the Fee Paid Fee	1812 1804 1805 1251 1252 1253 1254 1255 1401 1402 1403 1451 1452	2,520 920* 1,840* 110 420 950 1,480 2,010 330 330 290 1,510 110	1812 1804 1805 2251 2252 2253 2254 2255 2401 2402 2403 1451 2452	2,520 920° 1,840° 55 210 475 740 1,005 165 145 1,510 55	For filing a request for ex parte reexamination Requesting publication of SIR prior to Examiner action Requesting publication of SIR after Examiner action Extension for reply within first month Extension for reply within second month Extension for reply within third month Extension for reply within fourth month Extension for reply within fifth month Notice of Appeal Filing a brief in support of an appeal Request for oral hearing Petition to institute a public use proceeding Petition to revive – unavoidable	210
Account Name The Director is a Charge fee(Credit any o Charge any Charge fee(above-identi 1. BASIC F Large Entity Fee Fee Code (\$) 1001 770 1002 340 1003 530 1004 770 1005 160	authorized to: (s) indicated be overpayments additional fee (s) indicated be tified deposit are recorded in the control of the	check all that appellow (s) or any underpagelow, except for the count. E CALCULATION Fee Description Utility filling fee Design filling fee Plant filling fee Reissue filling fee Provisional filling fee Provisional filling fee Provisional filling fee Reissue filling fee Provisional filling fee Provisional filling fee Reissue filling fee Provisional filling fee Provisional filling fee Reissue filling fee Provisional filling fee Reissue filling fee Provisional filling fee Reissue	represent of fee(s) the filing fee to the Fee Paid	1812 1804 1805 1251 1252 1253 1254 1255 1401 1402 1403 1451 1452	2,520 920* 1,840* 110 420 950 1,480 2,010 330 330 290 1,510 110 1,330	1812 1804 1805 2251 2252 2253 2254 2255 2401 2402 2403 1451 2452 2453	2,520 920° 1,840° 55 210 475 740 1,005 165 145 1,510 55 665	For filing a request for ex parte reexamination Requesting publication of SIR prior to Examiner action Requesting publication of SIR after Examiner action Extension for reply within first month Extension for reply within second month Extension for reply within third month Extension for reply within fourth month Extension for reply within fifth month Notice of Appeal Filing a brief in support of an appeal Request for oral hearing Petition to institute a public use proceeding Petition to revive – unavoidable Petition to revive – unintentional	210

				Claims below Paid	1502	480	2502	240	Design issue fee	
Total Claims		-20**	1	0 X = 0				_	•	
Independent			i		1503	640	2503	320	Plant issue fee	
Claims		-3**	=	0 X = 0	1460	130	1460	130	Petitions to the Commissioner	
Multiple Dependent				X = 0	1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
Large En	tity	Small En	itity		1806	180	1806	180	Submission of Information Disclosure Stmt	
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1202	18	2202	9	Claims in excess of 20	1809	770	2809	385	Filing a submission after final rejection (37	
1201	86	2201	43	Independent claims in excess of 3	l				CFR § 1.129(a))	
1203	290	2203	145	Multiple dependent claim, if not paid	1810	770	2810	385	For each additional invention to be	
1204	86	2204	43	** Reissue independent claims over original patent	1801	770	2801	385	examined (37 CFR § 1.129(b)) Request for Continued Examination (RCE)	385.
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent	1802	900	1802	900	Request for expedited examination of a design application	
SUBTOTAL (2) (\$) 0					Other t	fee (spe	cify) Ter	minal C	Disclaimer	55.
					*Redu	iced by	Basic Fi	ling Fee	Paid SUBTOTAL (3) (\$) 650	
**or number previously paid, if greater; For Reissues, see above										

SUBMITTED BY Complete (if applicable)										
Name (Print/Type)	Benjamin E. Leace	Registration No: Attorney/Agent)	33,412	Telephone	610-407-0700					
Signature	Der	Leuce		Date	7/30/2004					

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:

Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form call 1-800-PTO-9199 (1-800-PR6-9199) and select ontion 2